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Casualty Prediction Methodology

Demographers furnish number of civilians within the targeted area and density (in people per million square feet) in the surrounding area.

Bomb impacts are counted within the targeted area and in the surrounding area.

To estimate the probable maximum number of civilian casualties within the targeted area, multiply the number of civilians at risk by the ratio of the total lethal area of bombs impacting within the targeted area to the total targeted area.

To estimate the probable maximum civilian casualties in the surrounding area find the total lethal area of the bombs impacting in the surrounding area in millions of square feet and multiply this by the density (in people per million square feet).